

1044b UIC - EAST POPLAR OIL FIELD
ENFORCEMENT CASE SDWA 1431
Folder ID: 13648 1993 Privileged

Release in Full

Region 8



13648

HISTORY



EPH 2-D

4 pages

1951-1993

EAST POPLAR UNIT NO. 2-D
WELL HISTORY

Location:	SW NE Section 2-T28N-R51E
Elevation:	G.L. 2124'
Spudded:	December 4, 1951
Completed:	December 21, 1951
Total Depth:	834'
Casing Summary:	4½" O.D. casing set @ 823' and cemented from bottom of casing to surface.

Completion Summary: Open hole completion in the Judith River formation
flowing salt water for drilling EPU No. 1.

Injection test made November 8, 1961 - injected salt water at the rate of
2280 BPD at 300 psi. Surface shut in pressure 10 psi.

EXHIBIT NO. M-4

EAST POPLAR UNIT 2-D

SUPPLEMENT TO WELL HISTORY

5-21-93 Move in and rig up Halliburton. Mix cement.
Pump 70 sacks cement down 4½" casing. Rig
down.

AUTHORITY FOR EXPENDITURE

MURPHY CORPORATION - EAST POPLAR UNIT NO. 2-D
SW NE Section 2, T28N, R31E, Roosevelt County, Montana

JUDITH RIVER SAND SALT WATER DISPOSAL WELL AND FACILITIES

Pulling Unit - 1 (12 hr.) day @	\$ 350
600' of 2 3/8" EWE Class 2 Tbg @ \$0.35 per foot	225
4" Retrievable Packer	225
Land Damage	200
Miscellaneous Trucking, Labor & Material	<u>350</u>

TOTAL ESTIMATED COST TO PREPARE WELL FOR DISPOSAL - \$1,350

TO PREPARE NO. 2-D FOR DISPOSAL: Load hole with mud. Run bit and clean out to bottom. Run 2" tubing with retrievable packer and displace mud with fresh water. Flow until clean.

FACILITIES

Sand-blast, Coat, Mount on Steel Skids and Insulate.	
Heavy Gauge 1/4" Welded Steel Tank (on hand)	\$1,375
Move Pump, Building and Mount on Pipe Skids	300
Connection and Material for Pump & Tk. Hook-up	1,200
230' of 4" Class 100 Cement-Asbestos Laid and Ditched	550
Miscellaneous Trucking, Labor, Material and Electric Hook	<u>500</u>

TOTAL ESTIMATED COST - FACILITIES - \$3,925

GRAND TOTAL ESTIMATED COST - \$5,275

JUSTIFICATION

Salt water production has increased to a volume that exceeds the capacity of the gathering lines. Water production from "A" and "G" batteries is 2091 BPD while the line capacity is 1320 BPD. This installation will reduce the load on the salt water gathering system and give additional disposal capacity during "down time", due to mechanical failures.

This installation will eliminate the booster pump at "F" battery junction and proposed booster pump (in budget) at "G" battery junction. This disposal unit will be semi-portable and can be moved at minimum expense.

APPORTIONMENT OF TOTAL ESTIMATED COST

Murphy Corporation	31.448470%	\$1,659
Mumoco Company	2.096565%	\$ 111
Placid Oil Company	33.545035%	\$1,769
Humble Oil & Refining Company	16.335860%	\$ 862
Phillips Petroleum Company	16.335860%	\$ 862
C. F. Lundgren	2.238210%	\$ 12

APPROVAL OF EXPENDITURE

Requested by: M. J. [Signature]
 Field Production Superintendent

5-3-62
 Date

RECOMMEND APPROVAL:

Division Production Supt. _____ Date _____

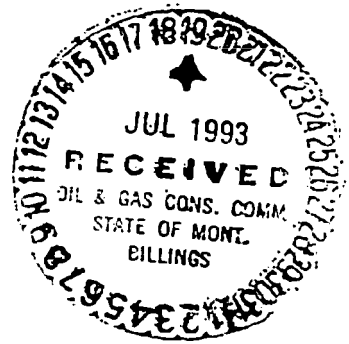
APPROVED:

Division Manager _____ Date _____



POST OFFICE BOX 547
POPLAR, MONTANA 59255

July 16, 1993



Board of Oil & Gas Conservation
of the State of Montana
2535 St. Johns Avenue
Billings, MT 59102

Dear Karen:

I have enclosed the sundry notice that was sent to the Bureau of Land Management. The well number is correct, it should be 2-D, as you can see the well was originally drilled as a fresh water well.

I hope this clears up any questions that you might have.

Sincerely,


Raymond Reede
District Manager

RR/jh





EPK 2D
Permit App.

1 Page

1993

(SUBMIT IN QUADRUPLICATE)

TO

BOARD OF OIL AND GAS CONSERVATION
OF THE STATE OF MONTANA

BILLINGS OR SHELBY

SUNDRY NOTICES AND REPORT OF WELLS

NOTICE
THIS FORM BECOMES A
PERMIT WHEN STAMPED
APPROVED BY AN AGENT
OF THE BOARD.



Notice of Intention to Drill *		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Shooting, Acidizing, Cementing	
Notice of Intention to Test Water Shut-off		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair Well		Subsequent Report of Redrilling or Repair	
Notice of Intention to Shoot, Acidize, or Cement		Subsequent Report of Abandonment	X
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well		Report of Fracturing	

(Indicate Above by Check Mark Nature of Report, Notice, or Other Data)

June 30, 1993

Following is a ~~NOTICE OF INTENTION TO DRILL~~ report of work done on land ~~owned~~ leased described as follows:LEASE TYPE Indian
(Private, State, Federal, Indian)LEASE EPU 2-DMONTANA
(State)Roosevelt
(County)East Poplar Unit
(Field)Well No. 2-D SW NE Section 2 T28N R51E MPM
(m. sec.) (Township) (Range) (Meridian)The well is located 2135 ft. from N line and 1941 ft. from E line of Sec. 2

* For notice of intention to drill, write the API* or the well name of another well on this lease if one exists.

LOCATE WELL SITE ACCURATELY ON PLAT ON BACK OF THIS FORM.

The elevation of the ground or K.B. above the sea level is

READ CAREFULLY

DETAILS OF PLAN OF WORK

READ CAREFULLY

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings, cementing points, and all other important proposed work, particularly all details of Shooting, Acidizing, Fracturing.)

DETAILS OF WORK
RESULT

5-21-93 Move in rig up HOWCO. Pump 10 barrels fresh water ahead. Mix 70 sacks cement and pump down 4½" casing.

5-25-93 Tag cement at 87'.

6-09-93 Ran 84' 1" pipe, mix 7 sacks cement. Pump cement down 1". Good cement returns. Lay down 1" pipe.

6-24-93 Cut off well head 5' below surface and weld on 1/4" plate cap. Cover up well head.

Approved subject to conditions on reverse of form

Date JUL 7 1993By Accepted for record purposes only
District Office Agent Title

Company Oil USA, Inc
Murphy Exploration & Prod. Co.
By Raymond Reedle
Title District Manager
Address Box 547, Poplar, MT 59255

BOARD USE ONLY
API WELL NUMBER

STATE COUNTY WELL
28 0185 08017

NOTE:—Reports on this form to be submitted to the appropriate District for approval.
DRILLING PERMIT EXPIRES SIX MONTHS FROM DATE OF APPROVAL.

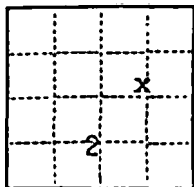
A-207

GEOLOGICAL DATA

100

100

Epu 2D/G.O.
~~#~~ 1 Page
1962



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

Sec. 2T. 28 NR. 51 E

Principal Mer.

INDIVIDUAL WELL RECORD

INDIAN LAND:

Date September 24, 1962

Ref. No. _____

Reservation Ft. Peck State MontanaI-37-IND-12892 County RooseveltLessee _____ Field Billings Miles CityOperator Murphy Application: Production Co. District SE SW NEWell No. EFU 2-D Subdivision _____Location 2135' from N line and 1941' from E line of Section 2Drilling approved _____, 19____ Well elevation 2124 Grd. _____ feetDrilling commenced December 4, 1951 Total depth 834 feetDrilling ceased December 21, 1951 Initial production Water

Completed for production _____, 19____ Gravity A. P. I. _____

Abandonment approved _____, 19____ Initial R. P. _____

Geologic Formations		Productive Horizons		
Surface	Lowest tested	Name	Depths	Contents
Bearpaw	Judith River			

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1951												WW
1962	SWDW											
1992											NIA	

REMARKS OriginalNov. 8, 1961 Injectivity test 2880 BWPD into Judith River open hole.

SERVICE & TESTING

EPH #2

S+T

1 page

NO

FORM 1908 R-11

WELL NO.—FORM OR LEASE NAME EPA 56 + 20		COUNTY Kempell	STATE NH	CITY / OFFSHORE LOCATION	DATE 5/11/00
CHARGE TO Murphy Oil		OWNER TAME		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	
ADDRESS		CONTRACTOR A/A		LOCATION 1. 11/11/00	
CITY, STATE, ZIP		SHIPPED VIA FedEx		LOCATION 2. 11/11/00	
WELL TYPE Oil		WELL CATEGORY Oil		WELL PERMIT NO. B- 11/11/00	
TYPE AND PURPOSE OF JOB 115 Plug to Abandonment		DELIVERED TO 1. 11/11/00		ORDER NO.	
				FREIGHT CHARGES <input type="checkbox"/> FPD <input type="checkbox"/> COLLECT	
				LOCATION 3. 11/11/00	
				REFERRAL LOCATION	
				NITROGEN JOB YES <input type="checkbox"/> NO <input type="checkbox"/>	
				CODE	
				CODE	
				CODE	

As consideration, the above-named Customer agrees to pay Hoffberger in accordance with the rates and terms stated in Hoffberger's current price list. Customer agrees to pay Hoffberger by the 15th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest on amounts due Hoffberger after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state whose services are performed or supplied or contracts are furnished.

MailBurton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. MailBurton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials and their return to MailBurton or, at MailBurton's option, to the allowance to the customer of credit for the cost of such items. In no event shall MailBurton be liable for special, incidental, indirect, punitive or consequential damages.

[illegible]

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B- 14-1500

WAS JOB SATISFACTORILY COMPLETED?

WAS OPERATION OF EQUIPMENT SATISFACTORY?

WAS PERFORMANCE OF PERSONNEL SATISFACTORY?

X _____
CUSTOMER OR HIS AGENT (PLEASE PRINT)

☒ _____
CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITHIN RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

HALLIBURTON OPERATOR

**HALLIBURTON
APPROVAL**

**SUB
TOTAL**

APPLICABLE TAXES WILL
BE ADDED ON INVOICE.

EXTRA COPY

PRODUCTION &
INJECTION DATA

PLUGGING &
ABANDONMENT

P4A EPH #2

1992 - 1995

8 pages

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

±37IND 12-892

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

Water Well

2. Name of Operator

Murphy Oil USA, Inc.

3. Address and Telephone No.

P.O. Box 547, Poplar, MT 59255 (768-3612)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW NE Section 2, T28N, R51E
2135' FNL 1941' FEL

7. If Unit or CA, Agreement Designation

East Poplar Unit

8. Well Name and No.

EPU 2-D

9. API Well No.

10. Field and Pool, or Exploratory Area

East Poplar Unit

11. County or Parish, State

Roosevelt
Montana

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This well was drilled in 1951, it was drilled to the Judith River at 753' and 4 1/2" casing was set. It was to be used as a fresh water well but the water was to salty and it was left shut in.

It was shut in until November 8, 1961 when it was tested to see if it could be used for a salt water disposal well. 50 barrels of salt water was pumped into it at 2 BPM at 300 psi.

November 13, 1962 a Larkin Fig. 16 packer was started in the hole. Packer set at 94.5' worked packer down the hole to 172' couldn't release packer. Backed tubing off at 110'. Filled hole with mud and shut in.

h. c. c. c. c.
l. d. i. n. g.

14. I hereby certify that the foregoing is true and correct

Signed

Raymond K. Hall

Title District Manager

Date 11-04-92

(This space for Federal or State Office Use)

Approved by

Charles E. G. G. G.

Acting Title ADM - Minerals

Date

NOV 12 1992

Conditions of approval, if any:

See Attached for
Conditions of Approval

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

OP

00-5
1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Water Well

2. Name of Operator

Murphy Oil USA, Inc.

3. Address and Telephone No.

P.O. Box 547, Poplar, MT 59255 (768-3612)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW NE Section 2, T28N, R51E

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

East Poplar Unit

8. Well Name and No.

EPU 2-D

9. API Well No.

10. Field and Pool, or Exploratory Area

East Poplar Unit

11. County or Parish, State

Roosevelt
Montana

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This well was drilled in 1951, it was drilled to the Judith River at 753' and 4½" casing was set. It was to be used as a fresh water well but the water was to salty and it was left shut in.

It was shut in until November 8, 1961 when it was tested to see if it could be used for a salt water disposal well. 50 barrels of salt water was pumped into it at 2 BPM at 300 psi.

November 13, 1962 a Larkin Fig. 16 packer was started in the hole. Packer set at 94.5' worked packer down the hole to 172' couldn't release packer. Backed tubing off at 110'. Filled hole with mud and shut in.

It is proposed to plug this well by filling 4½" casing with cement 70 sacks. Cut the casing off 4' below ground level and welding a 1/4" steel cap over the casing.

14. I hereby certify that the foregoing is true and correct

Signed Raymond Reade

Title District Manager

Date 11-04-92

(This space for Federal or State office use)

Approved by Charles C. Gabe

Conditions of approval, if any:

Rating Title ADM - Minerals

Date NOV 12 1992

CC 11/12/92 BB 11/12/92

NOTICE
THIS FORM BECOMES A
PERMIT WHEN STAMPED
APPROVED BY AN AGENT
OF THE BOARD.

(SUBMIT IN QUADRUPLES)

TO

BOARD OF OIL AND GAS CONSER
OF THE STATE OF MONTANA
BILLINGS OR SHELBY

SUNDRY NOTICES AND REPORT

Notice of Intention to Drill*		Subsequent
Notice of Intention to Change Plans		Subsequent
Notice of Intention to Test Water Shut-off		Subsequent
Notice of Intention to Redrill or Repair Well		Subsequent
Notice of Intention to Shoot, Acidize, or Cement		Subsequent
Notice of Intention to Pull or Alter Casing		Supplementar
Notice of Intention to Abandon Well		Report of Fr

(Indicate Above by Check Mark Nature of Report, Notice, or Other Data)

June 30

1993

Following is a ~~report of work done~~ on land ~~owned~~ described as follows:

LEASE TYPE

Indian
(Private, State, Federal, Indian)LEASE EPU ~~2B~~ 1MONTANA
(State)Roosevelt
(County)East Poplar Unit
(Field)

Well No.

~~2B~~ #1

SW NE Section 2

T28N

R51E

MPM

(m. sec.)

1941 (Township)

(Range)

(Meridian)

The well is located

2135'

ft. from

N
S

line and

1941'

ft. from

E
W

line of Sec. 2

* For notice of intention to drill, write the API* or the well name of another well on this lease if one exists

LOCATE WELL SITE ACCURATELY ON PLAT ON BACK OF THIS FORM.

The elevation of the ground or K.B. above the sea level is

READ CAREFULLY

DETAILS OF PLAN OF WORK

READ CAREFULLY

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings, cementing points, and all other important proposed work, particularly all details of Shooting, Acidizing, Fracturing.)

DETAILS OF WORK RESULT

5-21-93 Move in rig up HOWCO. Pump 10 barrels fresh water ahead. Mix 70 sacks cement and pump down 4½" casing.

5-25-93 Tag cement at 87'.

6-09-93 Ran 84' 1" pipe, mix 7 sacks cement. Pump cement down 1". Good cement returns. Lay down 1" pipe.

6-24-93 Cut off well head 5' below surface and weld on 1/4" plate cap. Cover up well head.

Approved subject to conditions on reverse of form

Date

JUL 7 1993

By

Accepted for record purposes only
District Office Agent

Company Murphy Exploration & Prod. Co.

By

Raymond Reede

Title

District Manager

Address

Box 547, Poplar, MT 59255

BOARD USE ONLY
API WELL NUMBER

08017

45658

STATE

COUNTY

WELL

NOTE:—Reports on this form to be submitted to the appropriate District for approval.
DRILLING PERMIT EXPIRES SIX MONTHS FROM DATE OF APPROVAL

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

I37IND 12892

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Water Well

2. Name of Operator

Murphy Exploration & Production Company

3. Address and Telephone No.

P.O. Box 547, Poplar, MT 59255 (768-3612)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW NE Section 2, T28N, R51E

7. If Unit or CA, Agreement Designation

East Poplar Unit

8. Well Name and No.

EPU 2-D

9. API Well No.

10. Field and Pool, or Exploratory Area

East Poplar Unit

11. County or Parish, State

Roosevelt
Montana

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5-21-93 Move in rig up HOWCO pump 10 barrels fresh water ahead. Mix 70 sacks cement and pump down 4½" casing.

5-25-93 Tag cement at 87'.

6-09-93 Ran 84' 1" pipe, mix 7 sacks cement. Pump cement down 1". Good cement returns. Lay down 1" pipe.

6-24-93 Cut off well head 5' below surface and weld on 1¼" plate cap. Cover up well head.

14. I hereby certify that the foregoing is true and correct

Signed Raymond Reeder

Title District Manager

Date 6-30-93

(This space for Federal or State office use)

Approved by Charles E. Hanks

Acting ADM - Minerals

JUL 6 1993

Conditions of approval if any:

Date

ADH 7/2/93 7/6/93

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Miles City District Office

P.O. Box 940

Miles City, Montana 59301-0940

TAKE
PRIDE IN
AMERICA

IN REPLY REFER TO:

3160

SEP 15 1995

Certified Mail - Return Receipt Requested

Murphy Exploration & Production Company
P. O. Box 547
Poplar, Montana 59255

Re: Indian Lease I37IND12892
Well No. 2-D
SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 2, T. 28 N., R. 51 E.
Roosevelt County, Montana

Gentlemen:

A recent field inspection has revealed that reclamation has been successfully completed and final abandonment may be approved for the above referenced location.

We are hereby approving final abandonment of the subject wellsite and recommending to the Bureau of Indian Affairs that the period of bond liability be released for this wellsite.

If you have any questions regarding this matter, please contact David Breisch at 406-232-7001.

Sincerely yours,

Mary Alice Spencer

Assistant District Manager
Division of Mineral Resources

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
MILES CITY DISTRICT OFFICE

REPORT OF TELEPHONE CONVERSATION

TO

Name: Dave Breisch
Office: MCDO
Location: Miles City, MT
Telephone: (406)232-4331

FROM

Name: Ray Reede
Office: Murphy E&P
Location: Poplar, MT
Telephone: (406)768-3611

Purpose of Call:

To discuss reclamation requirements for:

✓ Well 2-D; Sec.2, T28N, R51E
Well 5-G; Sec.29, T29N, R51E
Roosevelt County, Montana

Explanatory Remarks:

Ray received copies of approved Subsequent Reports of Abandonment, including Conditions of Approval for reclamation, for each of the above referenced wells. Ray stated that Well No.2-D is in agricultural land and that Well No.5-G is in pasture. A buried abandonment marker was installed at 2-D and an above ground marker was installed at 5-G. I told Ray that as long as the well site at 2-D has been recontoured, no additional reclamation work is necessary unless required by the surface owner. Ray said he would complete the required reclamation work at 5-G and notify us before beginning the dirt work and seeding.

Signature: *Dave Breisch*

Date: 7/8/93

Unit: East Poplar
Well: EPU 2-D
SWNE Sec. 2, T28N, R51E

CONDITIONS OF APPROVAL:

1. Notify this office (Division of Minerals, 406-232-4331) and BIA (406-768-5112) at least 24 hours before beginning plugging operations.
2. A Sundry Notice must be submitted to this office within 30 days after completion of plugging operations. The Sundry Notice must show the location of the plugs, the amount of cement in each plug, the amount of casing left in the hole and the status of reclamation.
3. The location must be cleaned up of all debris, material and equipment. All surface flowlines and utility poles associated with this well must be removed. All buried flowlines must be removed or drained, purged with fresh water and plugged at least 3 feet below ground level.
4. All pits must be emptied of fluids and contaminated soil before being backfilled. Fluids and contaminated soil must be disposed of at an approved disposal facility.
5. Site specific reclamation requirements will be included with the approved Subsequent Report of Abandonment filed after completion of plugging operations.
6. A Sundry Notice must be submitted to this office when the reclamation work has been completed. Final abandonment will be approved when the required reclamation work has been completed to the satisfaction of the BIA. Bond liability for the location will be terminated after approval of final abandonment.

*Talked to
These conditions are all met and this well*

Lease: I-37-IND-12892
Well: EPU No.2-D
SWNE Sec.2, T28N, R51E
Roosevelt County, Montana

CONDITIONS OF APPROVAL:

1. Notify BIA (406-768-5112) at least 48 hours before beginning reclamation work.
2. The location must be cleaned up of all debris, material and equipment. All surface flowlines and utility poles associated with this well must be removed. All buried flowlines must be removed or drained and purged with fresh water and plugged at least 3 feet below ground level.
3. All pits must be emptied of fluids and contaminated soil before being backfilled. Fluids and contaminated soil must be disposed of at an approved disposal facility.
4. Gravel surfacing material, culverts and cattleguard must be removed from the access road. The access road and ditches must be recontoured and seeded.
5. Gravel surfacing material must be removed from the well pad. The well site must be recontoured to blend in with the surrounding terrain.
6. Waterbars must be constructed on all 3:1 or steeper slopes on the access road and well site.
7. After recontouring, weed-free straw or hay mulch must be applied at the rate of one ton per acre and crimped into the soil. The recontoured areas must be drill seeded after October 1, 1993 (unless otherwise approved by BIA) with the following seed mixture:
 - 6 lbs./ac. (PLS) western wheatgrass
 - 4 lbs./ac. (PLS) pubescent wheatgrass
 - 4 lbs./ac. (PLS) slender wheatgrass
 - 2 lbs./ac. (PLS) yellow sweetclover

Seed must be drilled at 6 inch row spacing at a depth of 1/2 to 3/4 inch on the contour.

8. After seeding, the well site slopes must be fenced with four strands of barbed wire, metal line posts and wood corner and brace posts. The fence must be maintained to keep out livestock until reclamation work has been approved.
9. The Operator must control weeds along the access road and well site areas until reclamation work has been approved.
10. A Sundry Notice must be submitted to this office after completion of reclamation work. Final abandonment will be approved after the required reclamation work has been completed to the satisfaction of the BIA. Bond liability for the location will be terminated after approval of final abandonment.